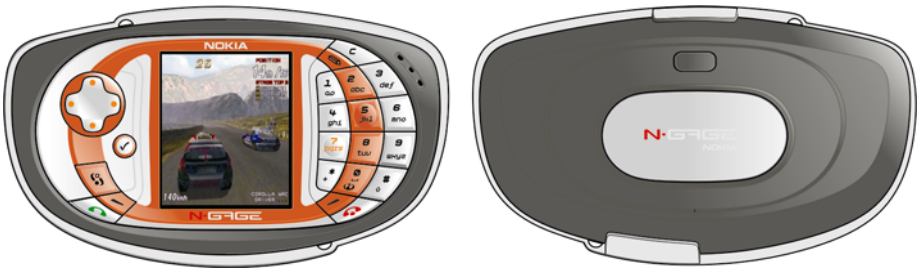
Nokia Customer Care
RH-29 Series Cellular Phones

1 - General Information



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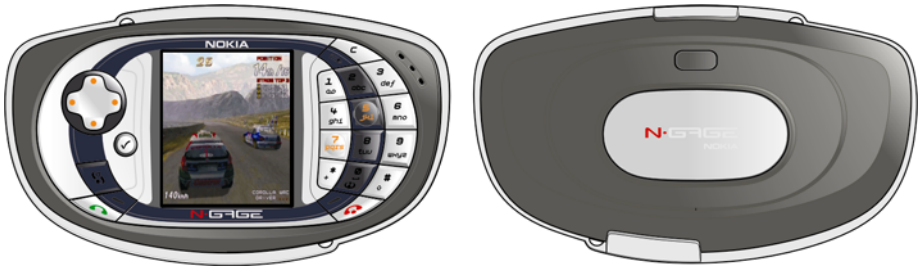
Product Selection

Hand portables

The RH-29 (Nokia N-Gage QD) is a hand portable Entertainment and Media "N-Gage" device for EGSM900 and DCS1800 networks.

Figure 1: RH-29 transceiver.



Product Key Features

Display and keypad

- Large, high resolution, active matrix colour display (176x208 pixels) with 4096 colours
- Games optimized rocker key plus select key on left side of display
- Numeric keypad and highlighted game action buttons on right side

Hardware characteristics

- Monoblock with Xpress-on™ covers.
- Dual-band EGSM900 and DCS1800

Band	Tx	Rx
EGSM900	880 to 915 MHz	925 to 960 MHz
DCS1800	1710 to 1785 MHz	1805 to 1880 MHz

- Internal antenna.
- 4 MB internal user memory.
- External memory (3V MMC).
- Bluetooth connectivity.
- Hot Swap MMC card reader

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- Internal vibra.
- Integrated handsfree speaker.
- Small SIM (1.8 and 3.0V).
- Real time clock (NITZ), World clock.
- Speech codecs: FR and EFR.
- Data support: GPRS (2+2, 3+1, class B).

UI features

- Nokia series 60 UI enables application multitasking.
- Real One Player: play video clips streaming (.RV and.RA) & locally (.3GP).
- Multimedia messaging, release 99 (send, receive and forward).
- XHTML browser with I-Mode extensions.
- Games: Techno Snake.
- Java MIDP 1.0.
- E-mail (SMTP, IMAP4 and POP3).
- Picture messaging.
- Concatenated SMS (MO/MT).
- Polyphonic (128 instruments, 24 polyphonics), WAV and traditional ringing tones.
- Ringing tone composer
- Voice dialling
- SyncML (OTA)
- DRM1s (forward lock)
- COD
- T9 predictive text input
- Cell broadcast

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- CPHS spec. (version 4.2)
- GSM phase 2+ features
- Symbian OS: Pearl 6.1

Power management

Battery	Capacity	Nokia Gaming	ECTEL Talk time	ECTEL Stand-by
BL-6C	1070mAh	6-7hrs	3.6hrs	250hrs

Figures mentioned above are approximate and depend on circumstances.

Mechanical dimensions

Units	Dimension (W x H x D)	Weight Typ.	Volume
Transceiver	117.8mm x 68.5mm x 25.5mm	139g	124cc

General Specifications of Transceiver RH-29

Parameter	Unit
Cellular System	GSM900, EGSM900, GSM1800
RX Frequency Band	EGSM: 925 - 935 MHz GSM900: 935 - 960 MHz GSM1800: 1805 - 1880 MHz
TX Frequency Band	EGSM: 880 - 890 MHz GSM900: 890 - 915 MHz GSM1800: 1710 - 1785 MHz
Output Power	EGSM900: +5 ...+33 dBm / 3.2 mW ... 2 W GSM1800: +0 ...+30 dBm / 1.0 mW ... 1 W
Number of RF Channels	EGSM: 124 GSM1800: 374
Channel Spacing	200 kHz
Number of TX Power Levels	GSM900: 15 GSM1800: 16

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Environmental conditions

Environmental condition	Ambient temperature	Notes
Normal operation	-10 °C ... +55 °C	Specifications fulfilled
Reduced performance	+55 °C ... +65 °C	Operational only for short periods
Intermittent operation	-20 °C ... -10 °C and +65 °C ... +85 °C	Operation not guaranteed but an attempt to operate will not damage the phone
No operation	-40 °C ... -20 °C	Operation not possible but an attempt to operate will not damage the phone
No operation or storage	< -40 °C and > +85 °C	No storage; an operation attempt may cause permanent damage
Charging allowed	-25 °C ... +60 °C	
Long term storage conditions	0 °C ... +40 °C	

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Accessories

Accessory, Unit / type	Type designator	Code
Battery, Li-Ion	BL-6C	0670461
Chargers, Unit / type		
Fast Travel Charger	ACP-12	0675303
Mobile Charger	LCH-12	0675328
Other Accessories, Unit / type		
Dual Mono Headset	HS-7	0694228
Wireless Bluetooth Headset	HS-4W	0694159
Headset Kit	HDC-5	0694081
Mobile Inductive Loopset	LPS-3	0630244
Universal BT Camera	PT-5	t.b.d.
Car Accessories, Unit / type		
Wireless Bluetooth Car-Kit, US	CK-1W	0080785
Plug-in HF Car Kit	PPH-1	0675182
Headrest Handsfree, US	BHF-2	0080762
Connectivity, Unit / type		
Memory Card 64MB, US	DTS-64	0273524
PC Suite Software	t.b.d.	t.b.d.
Teletype (TTY) Adapter	HDA-9	0694116

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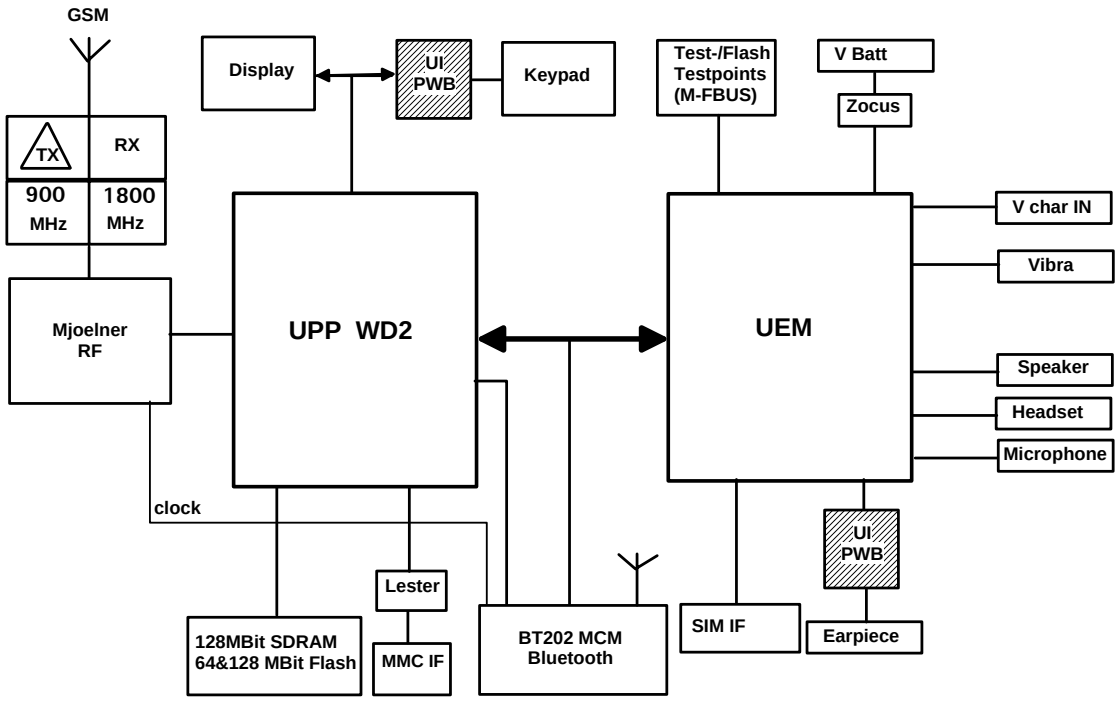
Product System Overview



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